ARS-1000 Audience Response System

A VersaView ARS-1000 system consists of pads, base and software.

Features and advantages

◆ Reliable 2.4G Hz wireless technology with 16x, 32x or 64x spread spectrum.

◆ All digital implementation. No maintenance or tuning is required.

◆ Worldwide accepted frequency band. No area restriction.

◆ The fastest polling speed in the world. Only 3ms per keypad. For a 64-keypad application, every keypad is polled 5 times per second.

◆ The finest and fairest auction time resolution, only 100 microseconds.

◆ A base has a unique 16-bit Base ID (BID). A pad has a 10-bit Pad ID (PID) associated with a BID it belongs to. Every base and every pad is unique.

◆ No line-of-sight restriction RF technology. Operation distance up to 100 meters. Support 150 meter by 150 meter venue with one single base receiver.

◆ Multiple receivers networking are possible. Audience size can be unlimited.

◆ Easy setup. Only one USB cable. Connect and go.

◆ Fully scaleable. Optimized performance and flexibility.

◆ Programmable beeper acknowledgement. Allow users to concentrate on the big presentation screen rather than to look at pad.

◆ Channels 1~39, user selectable. Utility comes with an RSSI monitor to assist an installer to find cleaner channels.

◆ Pad configuration broadcasting. Updates pads channels and/or other parameters easy and speedy.

ARS-1000 Specifications

Technologies

Frequency	2.4GHz, spread spectrum (DSSS)
Range	Adjustable, up to 100 meters
Operation modes	Polling and Quick hand (auction)
Polling mode	Polling Speed: 3ms per pad
	Polling cycle: 3ms x number of pads.
Quick-hand mode	Resolution : 100 micro second (0.1 ms)
	Fastest picks: 1~10 pads entries

Keypad

Key material	membrane switch panel
Key number	15 buttons
Dimensions	181 x 69 x 30 mm (LxWxD)
Weight	250g (with Battery)
Power	AA battery x 3
Consumption	power on only when answering
Keypad ID	programmable
LED indicator	ACK, Low Battery, Time-out
Beeper	programmable. Can be set to always off, always on, ACK on, ERR on.

Base

PC interface	USB 1.1, 2.0
Power	from USB
Supported Pads	Up to 1024 pads
Dimensions	208 x 144 x 33 mm (WxHxD)
Weight	280g (with antenna)
Warranty	1 year (parts and labor)

System Requirements:

Windows 2000/XP, MS office 2003
One Free USB 1.1 / 2.0 port

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